WEST

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| Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases |

Search Results -

Terms	Documents
L12 and collagenase	25

Database:

```
US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Search:

```
L14
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| Refine Search |

| Recall Text | Clear |

Search History

DATE: Monday, August 19, 2002   Printable Copy   Create Case

Set Name	Query	Hit Count	Set Name
side by side			**result set**
	DB=USPT; PLUR=YES; OP=OR		
L14	L12 and collagenase	25	L14
L13	L12 and (collagenase).ab.	1	L13
L12	l11 and (gelatin or collagen).ab.	57	L12
L11	gly.clm.	3506	L11
L10	Quelle-g$.in.	0	L10
L9	l6 and GLY	3	L9
L8	l6 and stabili$	13	L8
L7	L6 and nonantigenic	0	L7
L6	(collagenase and gelatin).clm.	17	L6
L5	(collagenase and gelatin and GLY).clm.	0	L5
L4	(collagenase and gelatin).ab.	2	L4
L3	(collagenase and gelatin and GLY).ab.	0	L3
	DB=EPAB; PLUR=YES; OP=OR		
L2	(collagenase and gelatin and GLY).ab.	1	L2
	DB=DWPI; PLUR=YES; OP=OR		
L1	(collagenase and gelatin and GLY).ab.	10	L1

END OF SEARCH HISTORY

Set Name	Query	Hit Count	Set Name
	side by side		result set

DB=USPT; PLUR=YES; OP=OR

L17	L16 and GLY	2	L17
L16	L15 and (nonimmunog$ OR additive OR adjuvant or stabilizer or nonantigenic).ab.	15	L16
L15	(530/354 OR 530/356)!.CCLS.	1108	L15

DB=PGPB; PLUR=YES; OP=OR

L14	(530/354 OR 530/356).CCLS.	10	L14
L13	L12 and collagen	5	L13
L12	gly.ab.	16	L12
L11	l10 AND gly	311	L11
L10	stabilizer and gelatin	1915	L10
L9	l4	0	L9

DB=USPT; PLUR=YES; OP=OR

L8	L7 and nonantigenic	0	L8
L7	stabilizer.ti.	3498	L7
L6	l4 and nonantigenic.ab.	0	L6
L5	L4 and gelatin.ab.	0	L5
L4	sakai-y$.in.	489	L4

DB=JPAB; PLUR=YES; OP=OR

L3	L2 and gelatin	7	L3
L2	sakai-y$.in.	4858	L2
L1	yasuo-s$.in.	1	L1

END OF SEARCH HISTORY

WEST

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Search Results -

Terms	Documents
L18 and (gelatin or collagen)	21

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L19

| Refine Search |

| Recall Text | Clear |

Search History

DATE: Monday, August 19, 2002   Printable Copy   Create Case

Set Name	Query	Hit Count	Set Name
	side by side		result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

Set Name	Query	Hit Count	Set Name
L19	L18 and (gelatin or collagen)	21	L19
L18	L17 and (adjuv$ or stabilizer or additive or nonantigenic).ab.	288	L18
L17	GLY.ab.	8499	L17
L16	L15 and (collagen or gelatin).ab.	20	L16
L15	(sakai-Y$ or kutsuzawa-r$ or onuma-m$).in.	6340	L15

DB=USPT; PLUR=YES; OP=OR

Set Name	Query	Hit Count	Set Name
L14	L12 and collagenase	25	L14
L13	L12 and (collagenase).ab.	1	L13
L12	l11 and (gelatin or collagen).ab.	57	L12
L11	gly.clm.	3506	L11
L10	Quelle-g$.in.	0	L10
L9	l6 and GLY	3	L9
L8	l6 and stabili$	13	L8
L7	L6 and nonantigenic	0	L7
L6	(collagenase and gelatin).clm.	17	L6
L5	(collagenase and gelatin and GLY).clm.	0	L5
L4	(collagenase and gelatin).ab.	2	L4
L3	(collagenase and gelatin and GLY).ab.	0	L3

DB=EPAB; PLUR=YES; OP=OR

Set Name	Query	Hit Count	Set Name
L2	(collagenase and gelatin and GLY).ab.	1	L2

DB=DWPI; PLUR=YES; OP=OR

Set Name	Query	Hit Count	Set Name
L1	(collagenase and gelatin and GLY).ab.	10	L1

END OF SEARCH HISTORY

Document Number 1

Entry 1 of 1   File:DERWENT   June 17, 1999

DERWENT-ACC-NO: 1995-158994

DERWENT-WEEK: 199521

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TITLE:
Peptide compsn. used as protein food for allergy associated diseases - is
prepd. by reacting base material contg. collagen or gelatin, and collagenase
enzyme

PATENT-ASSIGNEE: MIYAGI KAGAKU KOGYO KK[MIYAN]

PRIORITY-DATA: 1993JP-0249872 (September 10, 1993)

PATENT-FAMILY:
PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07082299 A	March 28, 1995	N/A	007	C07K 014/78

APPLICATION-DATA:
PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP07082299A	N/A	1993JP-0249872	September 10, 1993

IPC: A23J003/06; A23J003/34 ; A61K038/00 ; A61L015/16 ; A61L027/00 ;
C07K014/78 ; C12P021/06

ABSTRACTED-PUB-NO:JP07082299A
BASIC-ABSTRACT:Peptide compsns. contains at least 70% of the peptide of
formula (Gly-X-Y)n (where n = 1-3). The peptide has no antigen-action, and
a mol. wt. of up to 1000, and is prepd. by reaction of a base material
contg. collagen, or gelatin, and a collagenase enzyme. In the formula, X
and Y are not defined. The collagenase enzyme is immobilised to magnetic
carrier with upto 10 microns particle size, or bound to carrier by chemical
bonding. Dry bone, or fresh bone is pulverised, and treated with an acid,
and a collagenase enzyme prepd. from Clostridium histoticum, or Streptomyces
parvulus. USE - The peptide compsn. is used as protein food for
allergy-associated diseases. In an example, modified collagen (gelatin) (50
g) was dissolved in 20 mM HEPES buffer (500 ml), and stirred at 50 deg. C
with an enzyme soln. of collagenase enzyme (0.2 g), and 50 mM HEPES buffer
(100 ml). The mixt. was heated at 30 deg. C for 20 hrs. to form an aq.
soln. The soln. was reacted at 30 deg. C for 18-20 hrs. at pH 7.0, and
filtered by membranes of 2.0 microns and 0.45 microns to give a filtered
soln. The soln. was filtered with an ultrafilter of 5000 mol. wt., and then
1000 mol. wt. to give a peptide compsn..

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:
PEPTIDE COMPOSITION PROTEIN FOOD ALLERGIC ASSOCIATE DISEASE PREPARATION
REACT BASE MATERIAL CONTAIN COLLAGEN GELATIN COLLAGENASE ENZYME

DERWENT-CLASS: B04 D1 016 P34

CPI-CODES: B04-N02B; B14-E11; B14-G02A; D05-A01A5; D05-A01B3; D05-C11;

CHEMICAL-CODES:
Chemical Indexing M2 *01*
    Fragmentation Code
    H1   H181 J0   J011 J1   J171 M280 M311 M321 M342
    M349 M381 M391 M416 M620 M781 M903 M904 N134 N161
    P431 P714 Q233 V0   V902 V911 V921
    Markush Compounds
    199521-25501-U

Chemical Indexing M1 *02*
    Fragmentation Code
    H1   H181 J0   J011 J1   J171 M280 M311 M321 M342
    M349 M381 M391 M423 M510 M520 M530 M540 M620 M781
    M903 M904 N134 N161 P431 P714 Q233 V902 V912 V921
    Markush Compounds
    199521-25502-U

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers:
C1995-073641
Non-CPI Secondary Accession Numbers:
N1995-124895